10/797,613

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Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=AND			
L3	l1 and L2	55	L3
L2	transgen$ near5 (animal or mouse or mice)	32719	L2
L1	3 near3 gene adj trap near5 (cassette or vector)	59	L1

END OF SEARCH HISTORY

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Search Results - Record(s) 41 through 55 of 55 returned.

☐ 41. 6991916. 07 Sep 01; 31 Jan 06. Compounds for the treatment of sexual dysfunction. Benson; Neil, et al. 435/24; 435/212 435/226 436/501 436/86 530/350. C12N9/48 20060101 C12N9/64 20060101 C12Q1/37 20060101 G01N33/00 20060101 G01N33/566 20060101 .

☐ 42. 6927317. 30 Nov 01; 09 Aug 05. Modulating ramp activity. McNeish; John D., et al. 800/18; 435/325. A01K067/027 C12N005/00 C12N005/02 .

☐ 43. 6878529. 13 Jul 01; 12 Apr 05. Compounds for the treatment of sexual dysfunction. Harrow; Ian Dennis, et al. 435/69.1; 435/252.3 435/252.33 435/254.11 435/320.1 435/410 435/455 435/468 435/471 536/23.2 536/23.5. C12N015/12 C12N015/52 C12N015/57 C12N015/63 C12N015/79 .

☐ 44. 6828473. 01 Nov 01; 07 Dec 04. Modulation of PDE11A activity. Burslem; Martyn Frank, et al. 800/18; 435/325 435/354. A01K067/027 C12N005/00 C12N005/02 C12N005/06 C12N005/10 .

☐ 45. 6808921. 19 Nov 99; 26 Oct 04. Vectors for gene mutagenesis and gene discovery. Zambrowicz; Brian, et al. 435/320.1; 435/325 435/455 536/23.1 536/23.5. C12N015/00 C12N015/63 C12N005/00 C07H021/02 C07H021/04 .

☐ 46. 6790639. 27 Feb 01; 14 Sep 04. Mammalian osteoregulins. Brown; Thomas A., et al. 435/69.1; 435/320.1 435/325 536/23.5. C12N015/00 C12N005/00 C12N015/63 C07H021/04 .

☐ 47. 6780611. 06 Oct 00; 24 Aug 04. Polynucleotide encoding neuromedin U receptor. Harland; Lee. 435/69.1; 435/252.3 435/254.11 435/320.1 435/325 536/23.5. C12N015/00 C12N015/63 C12N015/85 C12N001/21 C07H021/04 .

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☐ 49. 6776988. 29 May 02; 17 Aug 04. Vectors for gene mutagenesis and gene discovery. Zambrowicz; Brian, et al. 424/93.21; 435/320.1 435/325 435/455 536/23.1. A01N063/00 C12N015/00 C12N015/63 C12N005/00 C07H021/02 .

☐ 50. 6692936. 20 Oct 00; 17 Feb 04. Nucleic acid encoding a C5A anaphylatoxin receptor. Harland; Lee. 435/69.1; 435/320.1 435/325 435/6 530/350 536/23.5. C12P021/06 .

☐ 51. 6677501. 06 Jun 01; 13 Jan 04. P2X7 receptor-deficient mice and uses thereof. Gabel; Christopher A., et al. 800/18; 435/320.1 435/325 435/455 435/463 800/13 800/14 800/21 800/22 800/25. A61K067/027 C12N015/00 .

☐ 52. 6436707. 25 Mar 99; 20 Aug 02. Vectors for gene mutagenesis and gene discovery. Zambrowicz; Brian, et al. 435/455; 424/93.21 435/320.1 435/325 435/456 536/23.1. C12N015/00 C12N015/63 C12N015/86 A01N063/00 C07H021/02 .

☑ 53. 6207371. 02 Oct 97; 27 Mar 01. Indexed library of cells containing genomic modifications and methods of making and utilizing the same. Zambrowicz; Brian, et al. 435/6; 435/320.1 435/325 435/456

536/23.1 536/24.1. C12Q001/68 C12N015/63 C12N015/85 C07H021/04 .

☑ 54. 6139833. 08 Aug 97; 31 Oct 00. Targeted gene discovery. Burgess; Rob, et al. 424/93.2; 424/184.1 424/199.1 424/93.6 435/235.1 435/243 435/252.3 435/6. A01N063/00 A61K039/00 C12Q001/68 C12N001/20 .

☐ 55. 6080576. 08 Apr 98; 27 Jun 00. Vectors for gene trapping and gene activation. Zambrowicz; Brian, et al. 435/320.1; 435/325 435/455 435/463. C12N015/63 C12N015/85 C12N015/00 .

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Terms	Documents
L1 and L2	55

Prev Page Next Page Go to Doc#

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=> d his

     (FILE 'HOME' ENTERED AT 15:56:58 ON 19 JUN 2006)

     FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 15:57:10 ON
     19 JUN 2006
L1           18 S 3(3A)GENE(W)TRAP(5A)(CASSETTE OR VECTOR)
L2         5251 S SPLICE(W)DONOR
L3          483 S GENE(W)TRAP(5A)(CASSETTE OR VECTOR)
L4            4 S L1 AND L2
L5           20 S L2 AND L3
L6            4 DUP REM L4 (0 DUPLICATES REMOVED)
L7           12 DUP REM L5 (8 DUPLICATES REMOVED)

=> d au ti so pi ab 1-4 l6

L6   ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
IN   Finney, Robert E.
TI   Genetic engineering mammalian genomes by integrating specific vectors and
     screening for cells comprising the vector inserted into the gene of
     interest
SO   U.S. Pat. Appl. Publ., 26 pp.
     CODEN: USXXCO
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     --------------      ----   --------    --------------------    --------
PI   US 2006024819        A1    20060202    US 2004-903001          20040730
AB   The invention relates to genetically engineering mammalian genomes by
     integrating specific vectors followed by screening method that allows to
     select cells comprising the vector inserted into the gene of interest.
     The invention relates to integration vectors for modifying a target
     genomic region comprising, in a 5' to 3' direction, a splice acceptor
     site, a 3' hybrid recognition site, and a marker sequence (i.e., a 5' gene
     trap vector); or alternatively comprising, in a 5' to 3' direction, a
     marker sequence; a 5' hybrid recognition site; and a splice
     donor site (i.e., a 3' gene trap
     vector). The integration vector, upon insertion into the target
     genomic region is capable of producing a recombinant RNA transcript that
     is comprised of a hybrid recognition site for a selection mol. The hybrid
     recognition site of recombinant RNA produced from insertion of the 5' gene
     trap vector is comprised of a 5' hybrid recognition site derived from
     genomic sequence and a 3' hybrid recognition site derived from vector
     sequence. The selection mol. selects recombinant cells comprising the
     integration vector inserted within the target genomic region.

L6   ANSWER 2 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
IN   Zambrowicz, Brian; Friedrich, Glenn A.; Lilleberg, Stan; Sands, Arthur T.
TI   Gene trap vectors for gene mutagenesis and gene discovery
SO   U.S., 33 pp., Cont.-in-part of U.S. Ser. No. 276,533.
     CODEN: USXXAM
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     --------------      ----   --------    --------------------    --------
PI   US 6808921           B1    20041026    US 1999-443282          19991119
     US 6436707           B1    20020820    US 1999-276533          19990325
     EP 1584689           A1    20051012    EP 2005-14225           19991119
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, FI, CY
     US 2002081668        A1    20020627    US 2000-728446          20001130
     US 2002182724        A1    20021205    US 2002-158735          20020529
     US 6776988           B2    20040817
     US 2004259253        A1    20041223    US 2004-797613          20040309
     AU 2004203361        A1    20040819    AU 2004-203361          20040723
     US 2005095713        A1    20050505    US 2004-916782          20040811
AB   Novel vectors are described that incorporate, inter alia, a novel
```

3' gene trap cassette that does not encode a marker conferring antibiotic resistance and which can be used to efficiently trap, mutagenize, and identify previously unknown cellular genes. The presently described **3' gene trap cassette** comprises in operable combination: a promoter region, an exon (typically characterized by a translation initiation codon and open reading frame and/or internal ribosome entry site), a **splice donor** sequence, and optionally, intronic sequences. The **splice donor** sequence is operatively positioned such that the exon of the **3' gene trap cassette** is spliced to the splice acceptor site of a downstream exon or a cellularly encoded exon. The vectors typically allow several-fold to more than an order of magnitude greater number of genes to be trapped and identified by exon sequence as compared to initial **3' gene trap vectors** that utilize an exon encoding a selectable marker activity. The **vectors** can also incorporate **3'** and/or 5' **gene trap cassettes** that are engineered to increase the probability of identifying the 5' ends of the open reading frames of genes. The 5' gene trap cassette comprises a selectable marker gene preceded by a splice acceptor sequence followed by a polyadenylation sequence. Mutagenesis enhancer cassettes such as a unidirectional transcription termination sequence, a mutagenic terminal exon, and a self-cleaving RNA coding region may also be included. **Vectors** incorporating the presently described **3' gene trap cassette** find particular application in gene discovery, and the production of mutated cells and animals.

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
IN Zambrowicz, Brian; Friedrich, Glenn A.; Lilleberg, Stan; Sands, Arthur T.
TI Vectors for gene mutagenesis and gene discovery
SO PCT Int. Appl., 78 pp.
CODEN: PIXXD2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000031236	A2	20000602	WO 1999-US27366	19991119
	WO 2000031236	A3	20001109		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6436707	B1	20020820	US 1999-276533	19990325
	CA 2351741	AA	20000602	CA 1999-2351741	19991119
	AU 2000017355	A5	20000613	AU 2000-17355	19991119
	AU 772677	B2	20040506		
	EP 1131456	A2	20010912	EP 1999-960476	19991119
	EP 1131456	B1	20050831		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002539764	T2	20021126	JP 2000-584047	19991119
	AT 303447	E	20050915	AT 1999-960476	19991119
	EP 1584689	A1	20051012	EP 2005-14225	19991119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	US 2002081668	A1	20020627	US 2000-728446	20001130
	AU 2004203361	A1	20040819	AU 2004-203361	20040723
	US 2005095713	A1	20050505	US 2004-916782	20040811

AB Novel vectors are described that incorporate, inter alia , a novel **3' gene trap cassette** that does not encode a marker conferring antibiotic resistance and which can be used to

efficiently trap, mutagenize, and identify previously unknown cellular genes. The presently described **3' gene trap cassette** comprises in operable combination: a promoter region, an exon (typically characterized by a translation initiation codon and open reading frame and/or internal ribosome entry site), a **splice donor** sequence, and optionally, intronic sequences. The **splice donor** sequence is operatively positioned such that the exon of the **3' gene trap cassette** is spliced to the splice acceptor site of a downstream exon or a cellularly encoded exon. The vectors typically allow several-fold to more than an order of magnitude greater number of genes to be trapped and identified by exon sequence as compared to initial **3' gene trap vectors** that utilize an exon encoding a selectable marker activity. The **vectors** can also incorporate **3'** and/or **5' gene trap cassettes** that are engineered to increase the probability of identifying the 5' ends of the open reading frames of genes. The 5' gene trap cassette comprises a selectable marker gene preceded by a splice acceptor sequence followed by a polyadenylation sequence. Mutagenesis enhancer cassettes such as a unidirectional transcription termination sequence, a mutagenic terminal exon, and a self-cleaving RNA coding region may also be included. **Vectors** incorporating the presently described **3' gene trap cassette** find particular application in gene discovery, and the production of mutated cells and animals.

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

IN Zambrowicz, Brian; Friedrich, Glenn A.; Sands, Arthur T.

TI **Vectors** containing **3' gene trap cassettes** for gene mutagenesis and gene discovery

SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9950426	A1	19991007	WO 1999-US6474	19990326
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6080576	A	20000627	US 1998-57328	19980408
CA 2323834	AA	19991007	CA 1999-2323834	19990326
AU 9932036	A1	19991018	AU 1999-32036	19990326
AU 751520	B2	20020815		
EP 1066392	A1	20010110	EP 1999-914126	19990326
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002509727	T2	20020402	JP 2000-541314	19990326
JP 3725782	B2	20051214		
AU 2004203361	A1	20040819	AU 2004-203361	20040723
US 2005095713	A1	20050505	US 2004-916782	20040811

AB Novel vectors are described that incorporate, inter alia , a novel **3' gene trap cassette** which can be used to efficiently trap and identify previously unknown cellular genes. Efficient methods of 3' gene trapping are provided that allow a greater percentage of genes in the target cell genome to be trapped and rapidly identified. The presently described **3' gene trap cassette** comprises in operable combination, a promoter region, an exon (typically characterized by a translation initiation codon and open reading frame and/or internal ribosome entry site), a **splice donor** sequence, and, optionally,

intronic sequences. The **splice donor** sequence is operatively positioned such that the exon of the **3' gene trap cassette** is spliced to the splice acceptor site of a downstream exon or a cellularly encoded exon. In a preferred embodiment, the exon component of the **3' gene trap cassette**, which also serves as a sequence acquisition cassette, will comprise exon sequence and a **splice donor** sequence derived from genetic material that naturally occurs in an eukaryotic cell. Addnl. embodiments of the present invention include recombinant vectors, particularly viral vectors, that have been genetically engineered to incorporate the **3' gene trap cassette**. The vectors can also be engineered to include a 5' gene trap cassette that typically contains a splice acceptor site located 5' to an exon (which can encode a selectable marker gene) followed by an operatively positioned polyadenylation sequence. The splicing machinery is better able to recognize an exon type sequence present adjacent to or relatively close to a promoter when splicing into downstream exons. **Vectors** incorporating the described 3 ' **gene trap cassette** find particular application in gene discovery and in the production of mutated cells and animals.

=> d au ti so pi 1-12 l7

L7 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Von Melchner, Harald; Schnuetgen, Frank; Wurst, Wolfgang; Ruiz, Patricia; De-Zolt, Silke; Floss, Thomas; Hansen, Jens
TI **Gene trap cassettes** for random and targeted conditional gene inactivation
SO PCT Int. Appl., 66 pp.
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006056617	A1	20060601	WO 2005-EP56282	20051128
EP 1662005	A1	20060531	EP 2004-28194	20041126

PI WO 2006056617 A1 20060601
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
EP 1662005 A1 20060531 EP 2004-28194 20041126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU

L7 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Finney, Robert E.
TI Genetic engineering mammalian genomes by integrating specific vectors and screening for cells comprising the vector inserted into the gene of interest
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006024819	A1	20060202	US 2004-903001	20040730

PI US 2006024819 A1 20060202

L7 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN

IN Pruitt, Steven C.; Maslov, Alexander
TI Promoter trapping vectors for use in the comprehensive identification of genes expressed in a specific cell lineage
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004065553	A2	20040805	WO 2004-US1482	20040116
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
AU 2004206256	A1	20040805	AU 2004-206256	20040116
CA 2513730	AA	20040805	CA 2004-2513730	20040116
US 2005153302	A1	20050714	US 2004-759334	20040116
EP 1587914	A2	20051026	EP 2004-703069	20040116
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

L7 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Harrington, John Joseph; Jackson, Paul David; Jiang, Li
TI Compositions and methods for making mutations in cell lines and animals by physicochem. treatment and insertional **gene trap vectors**
SO U.S. Pat. Appl. Publ., 59 pp., Cont.-in-part of U.S. Ser. No. 196,721, abandoned.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004018624	A1	20040129	US 2002-277612	20021022
US 2003224519	A1	20031204	US 2003-345115	20030115
US 2004253727	A1	20041216	US 2003-342761	20030115
US 2004253589	A1	20041216	US 2003-342896	20030115
US 2004253590	A1	20041216	US 2003-342923	20030115
US 2004253591	A1	20041216	US 2003-342948	20030115

L7 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Zambrowicz, Brian; Friedrich, Glenn A.; Lilleberg, Stan; Sands, Arthur T.
TI **Gene trap vectors** for gene mutagenesis and gene discovery
SO U.S., 33 pp., Cont.-in-part of U.S. Ser. No. 276,533.
CODEN: USXXAM

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6808921	B1	20041026	US 1999-443282	19991119
US 6436707	B1	20020820	US 1999-276533	19990325
EP 1584689	A1	20051012	EP 2005-14225	19991119
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
US 2002081668	A1	20020627	US 2000-728446	20001130
US 2002182724	A1	20021205	US 2002-158735	20020529
US 6776988	B2	20040817		
US 2004259253	A1	20041223	US 2004-797613	20040309
AU 2004203361	A1	20040819	AU 2004-203361	20040723
US 2005095713	A1	20050505	US 2004-916782	20040811

L7 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Pruitt, Steven C.; Mielnicki, Lawrence M.
TI A high throughput method for identification of sequence tags
SO PCT Int. Appl., 51 pp.
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003018765	A2	20030306	WO 2002-US27102	20020826

WO 2003018765 A3 20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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US 2003143578 A1 20030731 US 2002-227719 20020826
EP 1425416 A2 20040609 EP 2002-757378 20020826
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L7 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Harrington, John Joseph; Jackson, Paul David; Jiang, Li
TI Compns. and methods for making and detecting gene mutations in transgenic cell lines and animals
SO U.S. Pat. Appl. Publ., 61 pp., Cont.-in-part of U.S. Ser. No. 277,612.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003224519	A1	20031204	US 2003-345115	20030115
US 2004018624	A1	20040129	US 2002-277612	20021022

L7 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
AU Maruyama, Hiroshi; Kuriyama, Hideyuki; Ishii, Naoya; Ito, Kazuhisa; Odani, Shoji; Kuwano, Ryozo
TI The genomic organization, alternative splicing, and promoter assay of the mouse Ankhzn gene
SO Acta Medica et Biologica (Niigata, Japan) (2003), 51(1), 13-24
CODEN: AMBNAS; ISSN: 0567-7734

L7 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Zambrowicz, Brian; Friedrich, Glenn A.; Lilleberg, Stan; Sands, Arthur T.
TI Vectors for gene mutagenesis and gene discovery
SO PCT Int. Appl., 78 pp.
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000031236	A2	20000602	WO 1999-US27366	19991119
WO 2000031236	A3	20001109		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6436707	B1	20020820	US 1999-276533	19990325
CA 2351741	AA	20000602	CA 1999-2351741	19991119
AU 2000017355	A5	20000613	AU 2000-17355	19991119
AU 772677	B2	20040506		
EP 1131456	A2	20010912	EP 1999-960476	19991119
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002539764	T2	20021126	JP 2000-584047	19991119
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

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AU 2004203361	A1	20040819	AU 2004-203361	20040723
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L7 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
IN Zambrowicz, Brian; Friedrich, Glenn A.; Sands, Arthur T.
TI **Vectors** containing 3' **gene trap** **cassettes** for gene mutagenesis and gene discovery
SO PCT Int. Appl., 75 pp.
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PI WO 9950426	A1	19991007	WO 1999-US6474	19990326
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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CA 2323834	AA	19991007	CA 1999-2323834	19990326
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002509727	T2	20020402	JP 2000-541314	19990326
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TI Molecular analysis of rice plants harboring an Ac/Ds transposable element-mediated gene trapping system.
SO The Plant journal : for cell and molecular biology, (1999 Sep) Vol. 19, No. 5, pp. 615-23.
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AU Nussaume L; Harrison K; Klimyuk V; Martienssen R; Sundaresan V; Jones J D
TI Analysis of **splice donor** and acceptor site function in a transposable gene trap derived from the maize element Activator.
SO Molecular & general genetics : MGG, (1995 Nov 1) Vol. 249, No. 1, pp. 91-101.
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